

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041737.D
 Acq On : 05 Jun 2024 09:55
 Operator : JC/MD
 Sample : VX0605WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:08:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

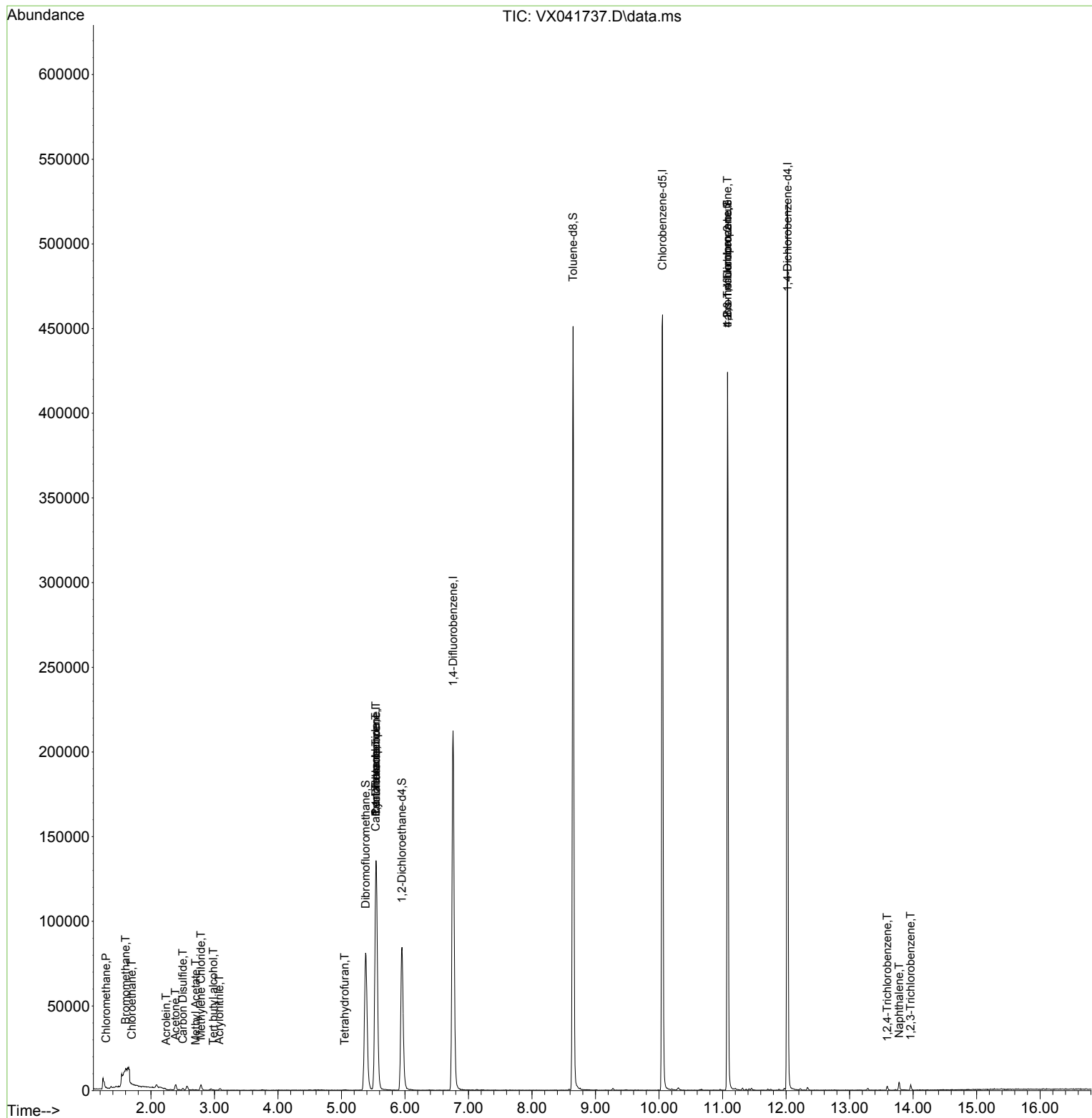
Internal Standards						
1) Pentafluorobenzene	5.544	168	144373	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	222815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84112	47.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.000%
35) Dibromofluoromethane	5.379	113	70983	46.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	266696	49.546	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	104961	52.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	409	0.295	ug/l	# 88
5) Bromomethane	1.599	94	450	0.453	ug/l	83
6) Chloroethane	1.697	64	237	0.275	ug/l	# 43
11) Tert butyl alcohol	2.983	59	268	0.856	ug/l	# 78
13) Acrolein	2.239	56	177	0.607	ug/l	87
15) Acrylonitrile	3.075	53	421	0.548	ug/l	# 84
16) Acetone	2.386	43	3797	2.195	ug/l	91
17) Carbon Disulfide	2.501	76	1262	0.443	ug/l	# 76
18) Methyl Acetate	2.703	43	397	0.235	ug/l	# 53
20) Methylene Chloride	2.788	84	1533	0.967	ug/l	# 78
29) Tetrahydrofuran	5.050	42	340	0.490	ug/l	# 34
31) Cyclohexane	5.544	56	2603	1.245	ug/l	# 5
36) 1,1-Dichloropropene	5.544	75	9410	5.045	ug/l	# 50
38) Carbon Tetrachloride	5.537	117	12672	5.979	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	52913	25.750	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	52913	70.180	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	869	0.336	ug/l	95
95) Naphthalene	13.780	128	4188	0.549	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1049	0.394	ug/l	94

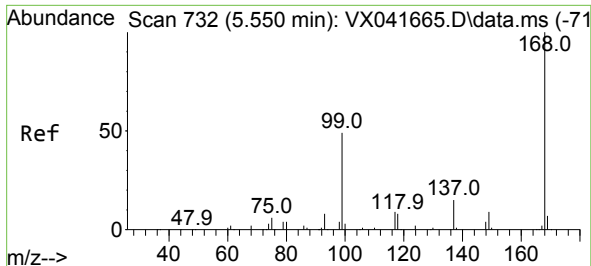
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 02:08:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

Instrument :

MSVOA_X

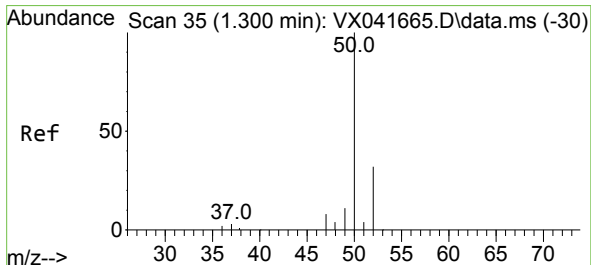
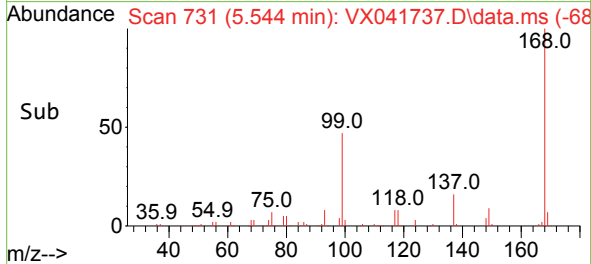
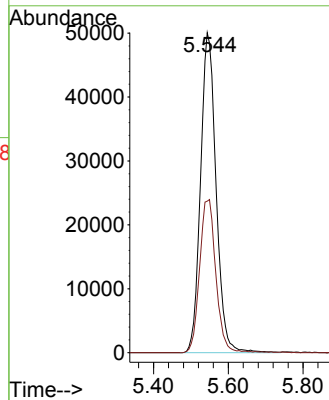
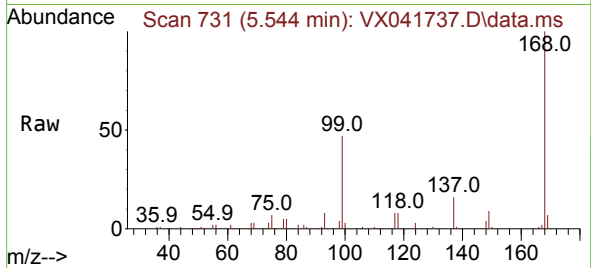
ClientSampleId :

Tgt Ion:168 Resp: 144373

Ion Ratio Lower Upper

168 100

99 47.4 56.6 85.0#



#3

Chloromethane

Concen: 0.295 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041737.D

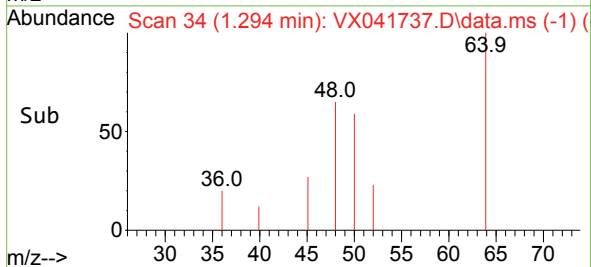
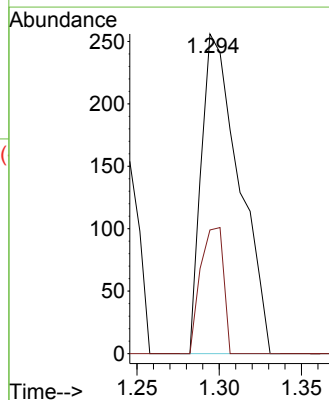
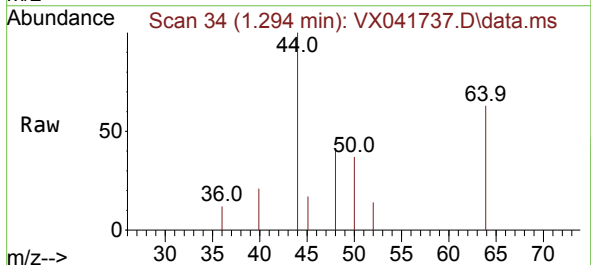
Acq: 05 Jun 2024 09:55

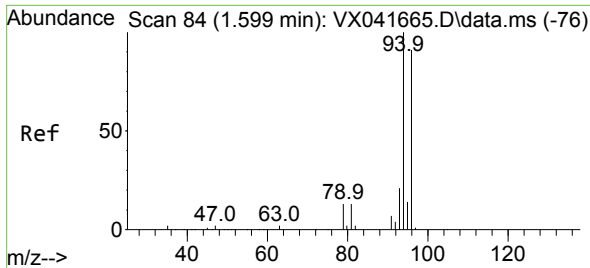
Tgt Ion: 50 Resp: 409

Ion Ratio Lower Upper

50 100

52 38.7 25.5 38.3#

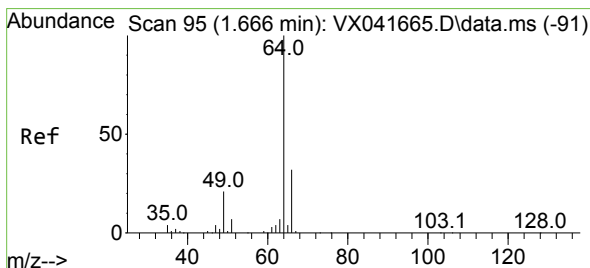
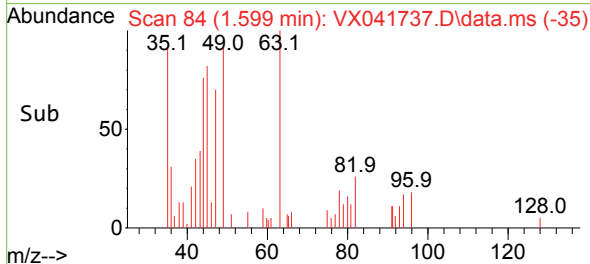
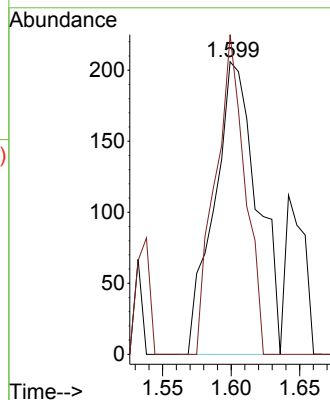
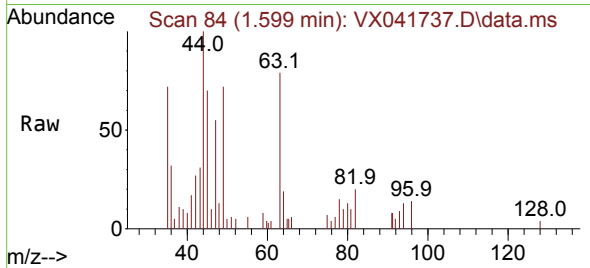




#5
Bromomethane
Concen: 0.453 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

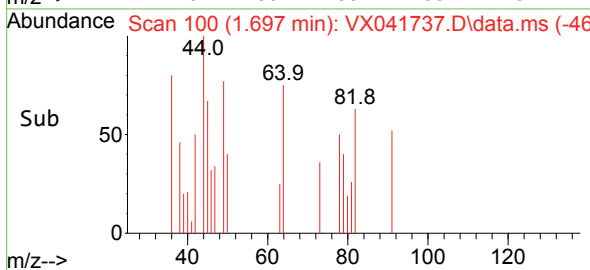
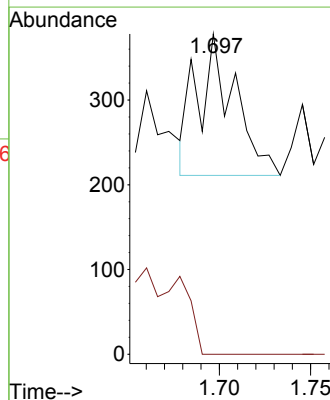
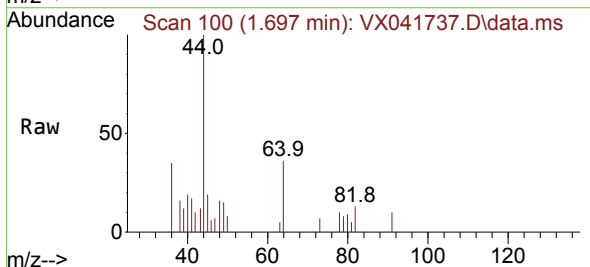
Instrument :
MSVOA_X
ClientSampleId :

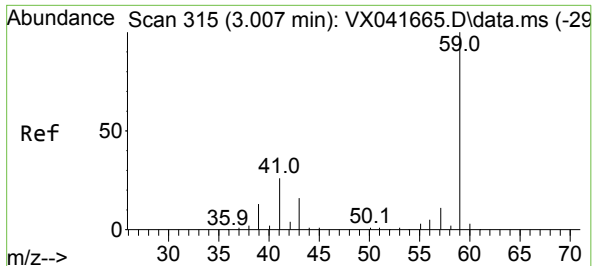
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 109.2 74.6 111.8



#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.030 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.856 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.024 min

Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

Instrument :

MSVOA_X

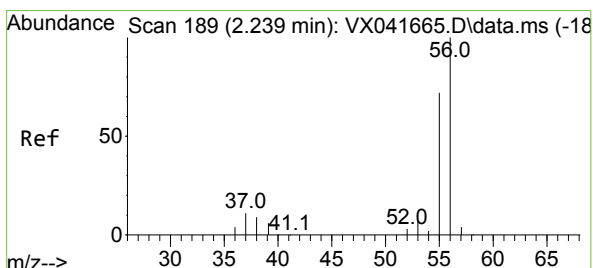
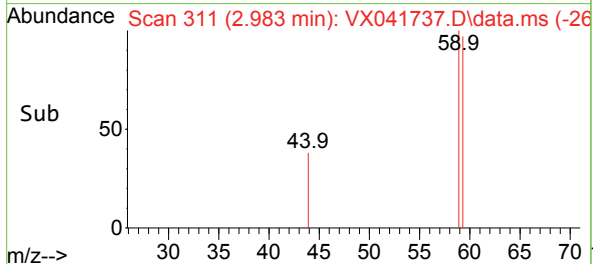
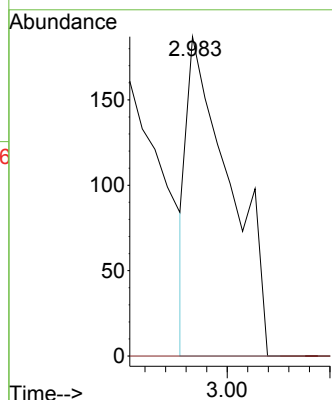
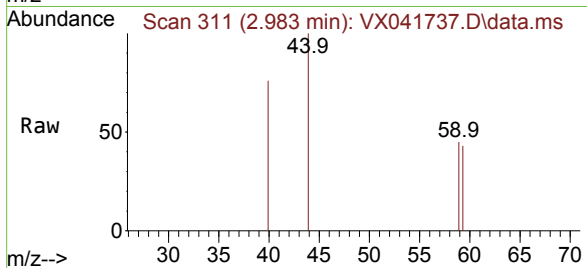
ClientSampleId :

Tgt Ion: 59 Resp: 268

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.607 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041737.D

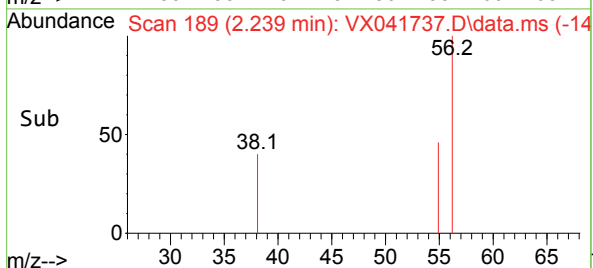
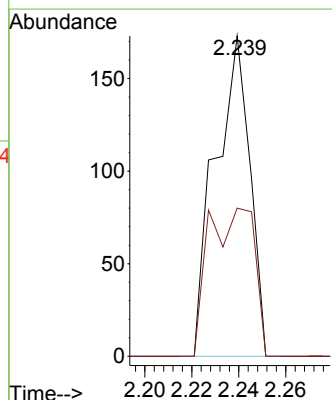
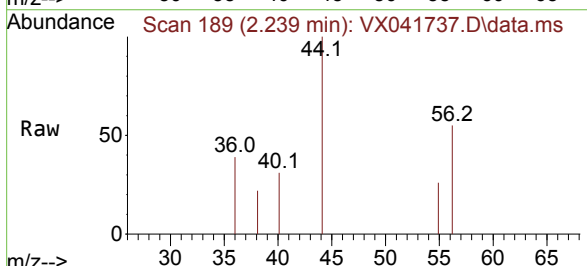
Acq: 05 Jun 2024 09:55

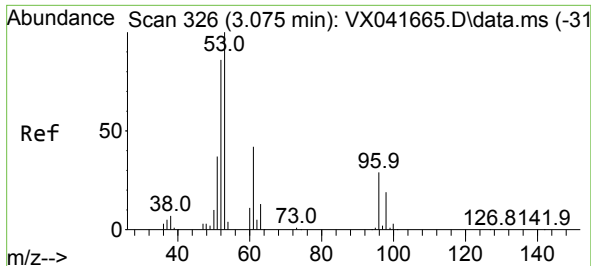
Tgt Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

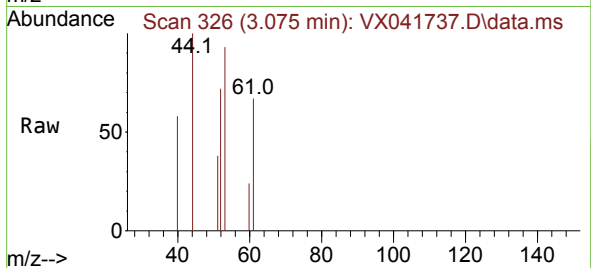
55 61.0 57.1 85.7



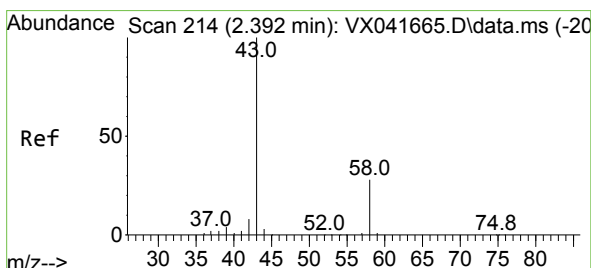
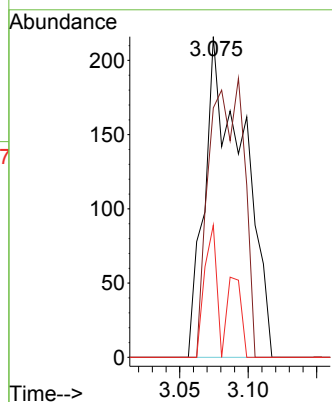
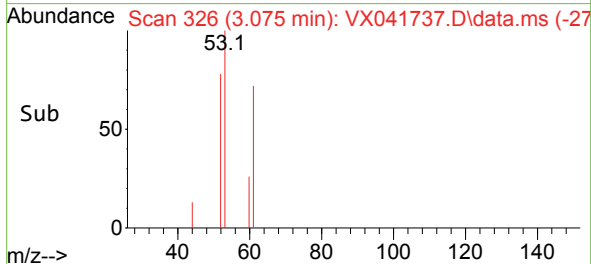


#15
Acrylonitrile
Concen: 0.548 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :

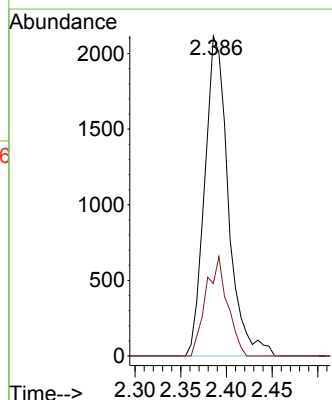
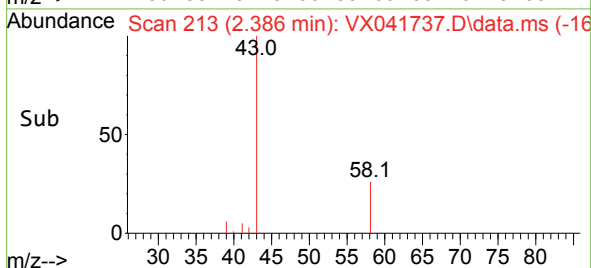
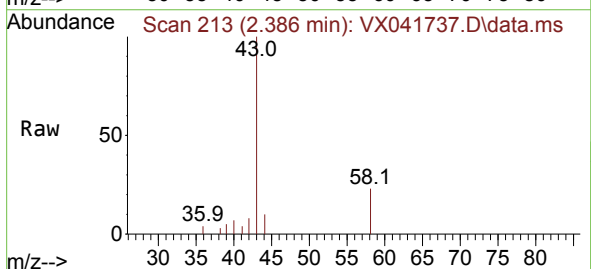


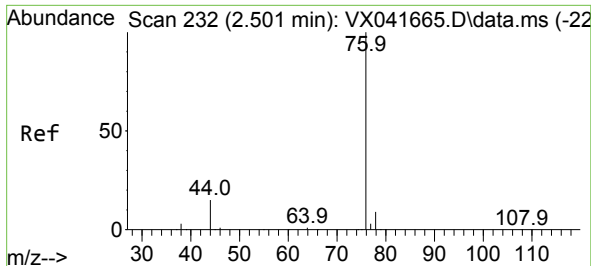
Tgt Ion: 53 Resp: 421
Ion Ratio Lower Upper
53 100
52 77.9 66.0 99.0
51 13.1 29.8 44.6#



#16
Acetone
Concen: 2.195 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Tgt Ion: 43 Resp: 3797
Ion Ratio Lower Upper
43 100
58 22.7 21.9 32.9





#17

Carbon Disulfide

Concen: 0.443 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

Instrument :

MSVOA_X

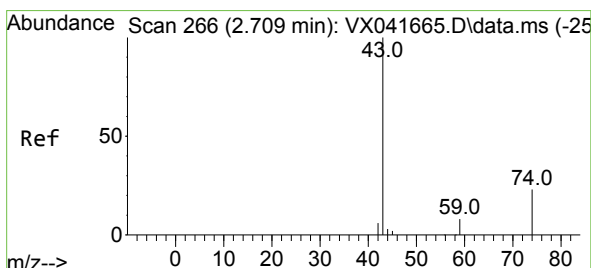
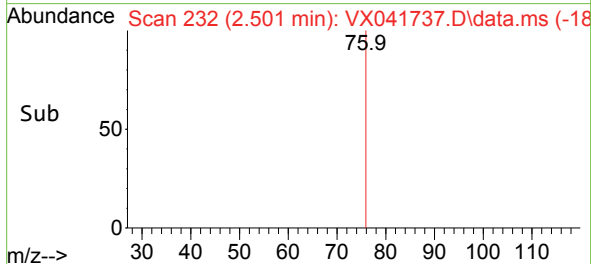
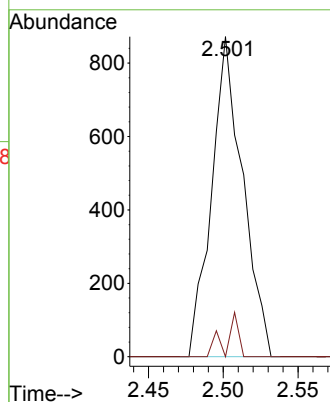
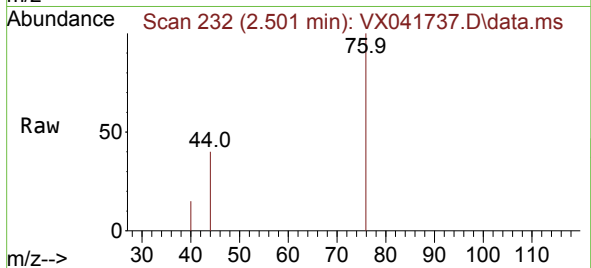
ClientSampleId :

Tgt Ion: 76 Resp: 1262

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.235 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX041737.D

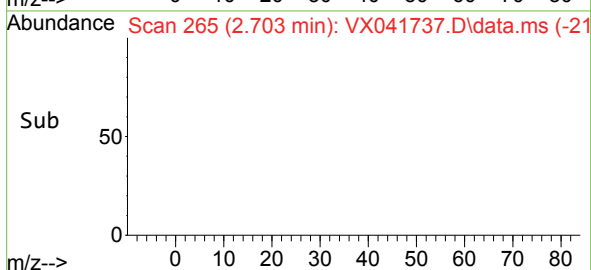
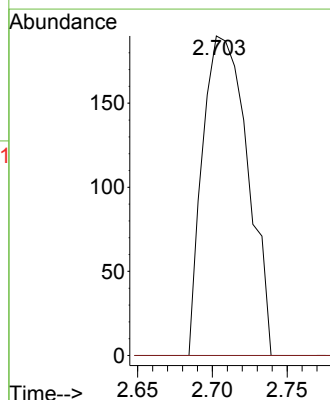
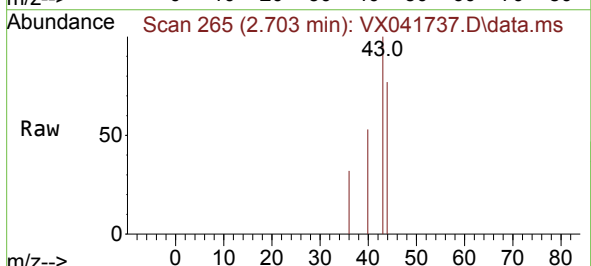
Acq: 05 Jun 2024 09:55

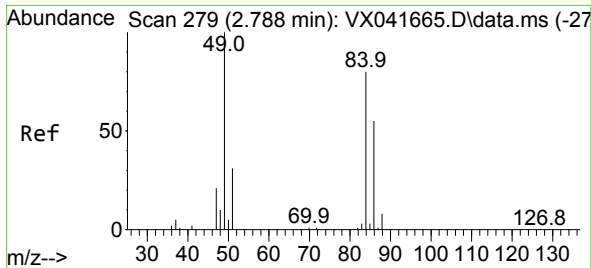
Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

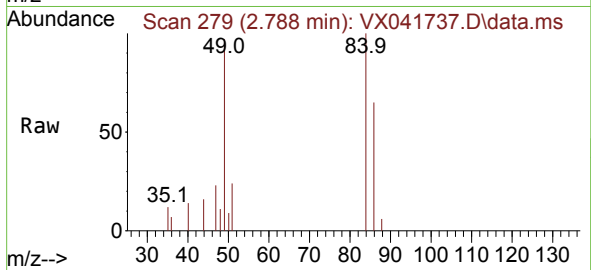
74 0.0 17.8 26.8#



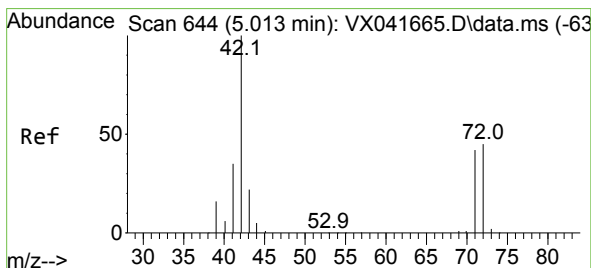
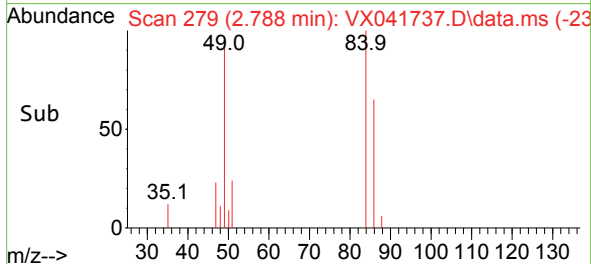
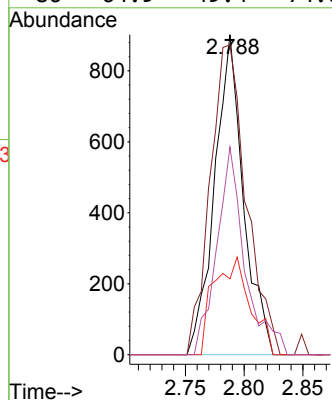


#20
Methylene Chloride
Concen: 0.967 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :

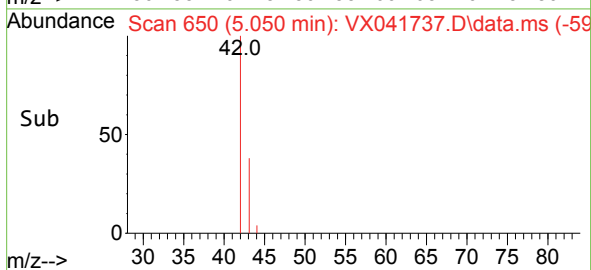
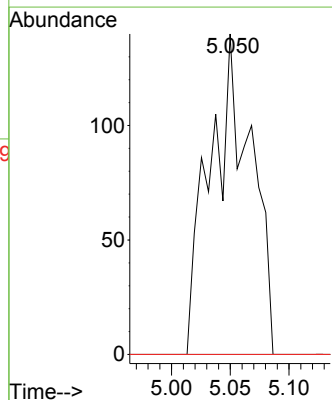
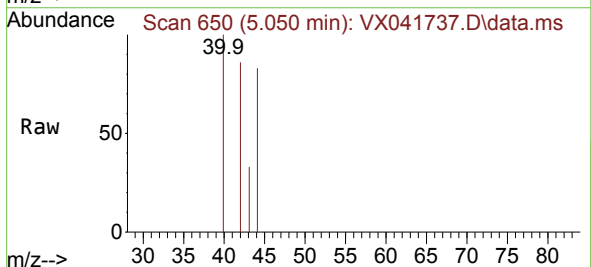


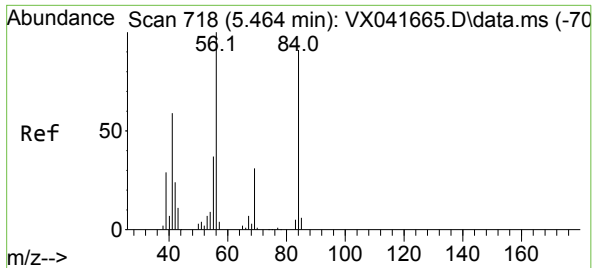
Tgt Ion:	84	Resp:	1533
Ion	Ratio	Lower	Upper
84	100		
49	96.8	103.6	155.4#
51	23.7	33.8	50.6#
86	64.9	49.4	74.0



#29
Tetrahydrofuran
Concen: 0.490 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

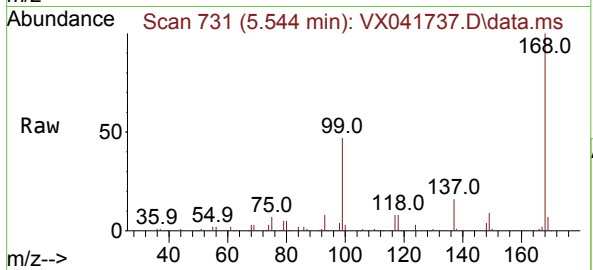
Tgt Ion:	42	Resp:	340
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



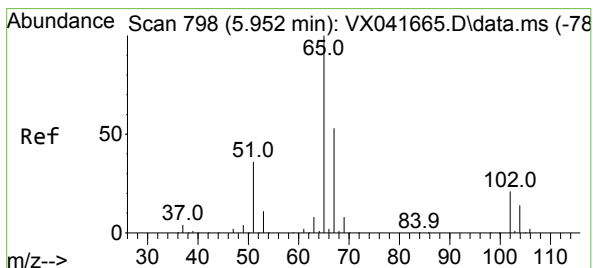
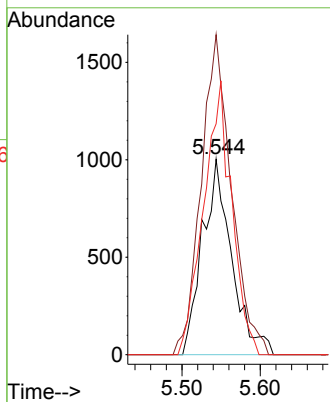
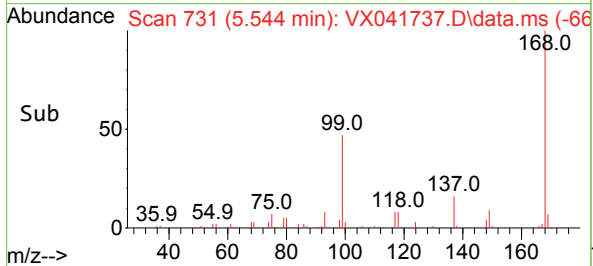


#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :

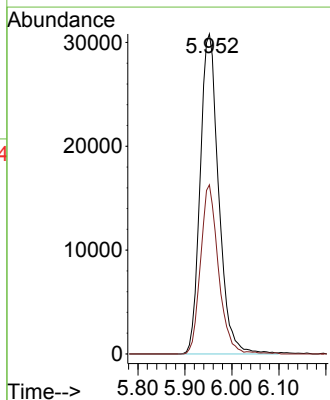
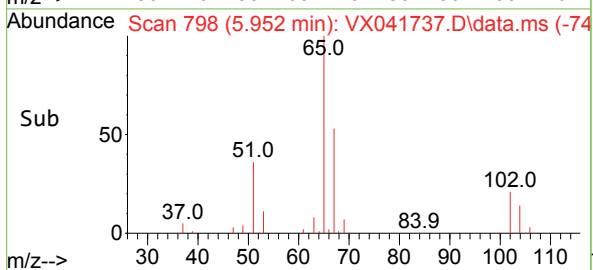
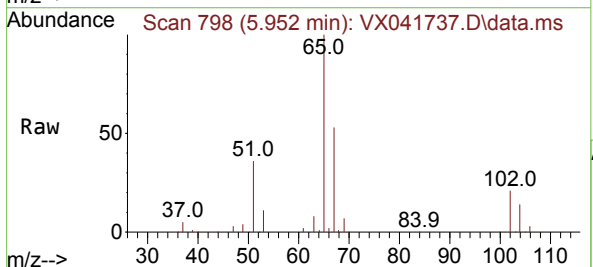


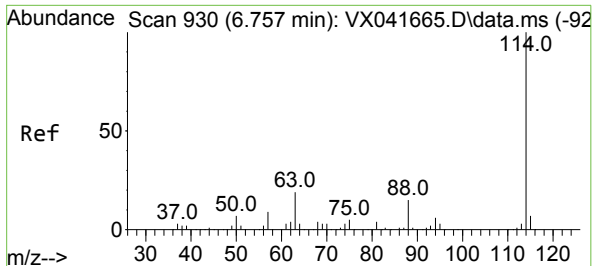
Tgt Ion: 56 Resp: 2603
Ion Ratio Lower Upper
56 100
69 163.7 23.4 35.2#
84 118.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.502 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Tgt Ion: 65 Resp: 84112
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

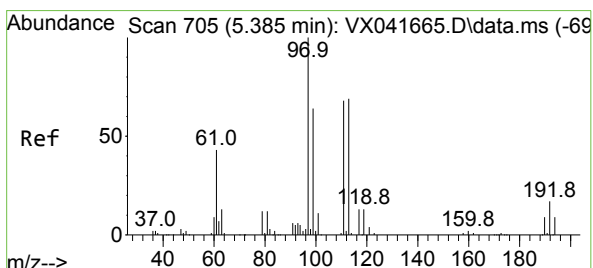
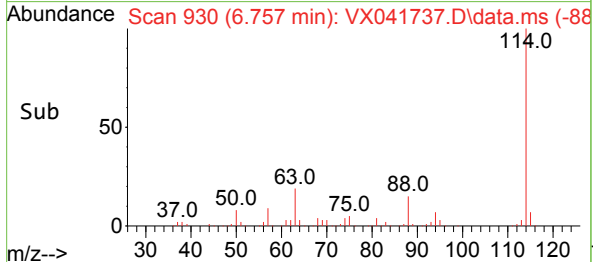
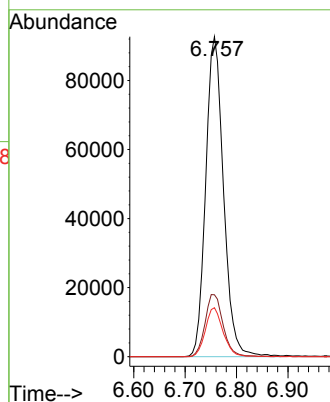
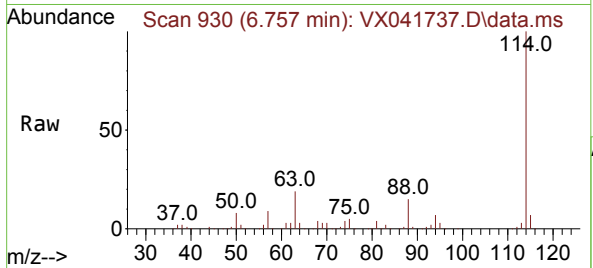




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

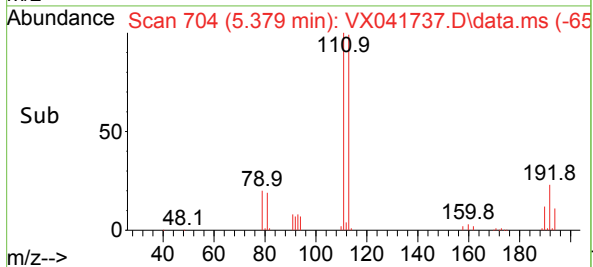
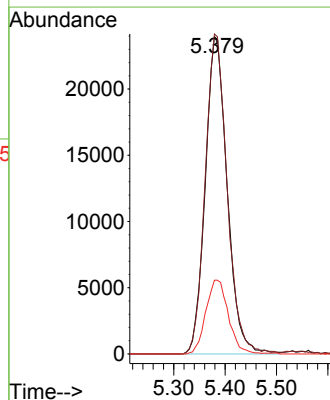
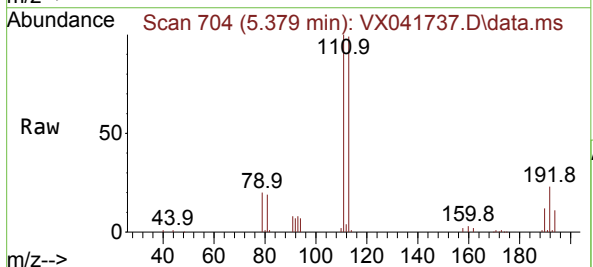
Instrument :
MSVOA_X
ClientSampleId :

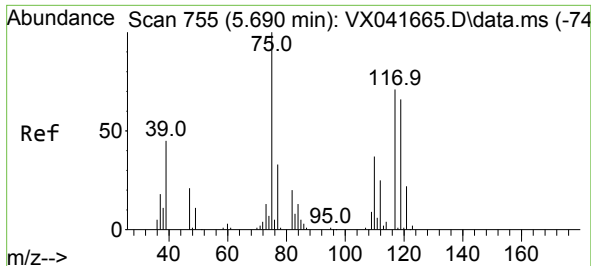
Tgt Ion:114 Resp: 222815
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.077 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

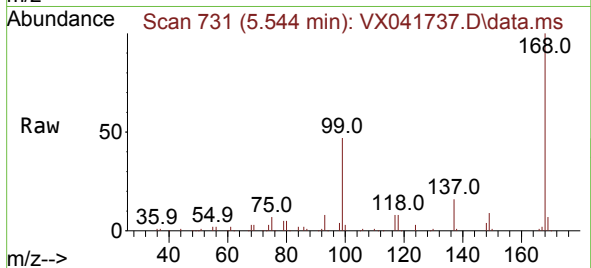
Tgt Ion:113 Resp: 70983
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 23.9 13.3 19.9#



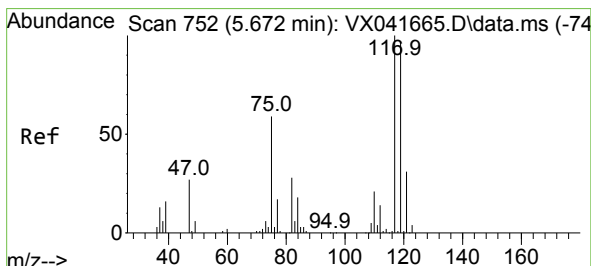
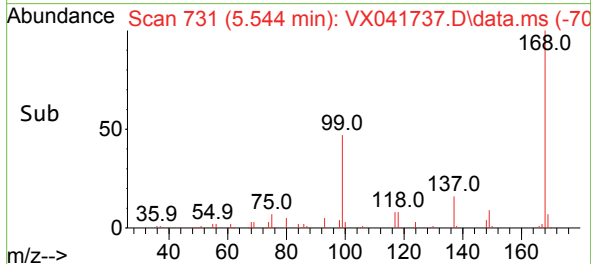
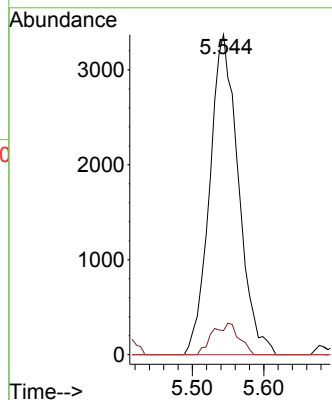


#36
1,1-Dichloropropene
Concen: 5.045 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :

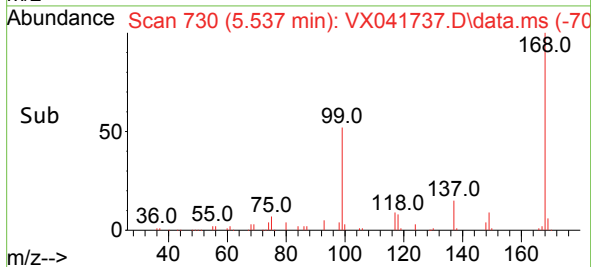
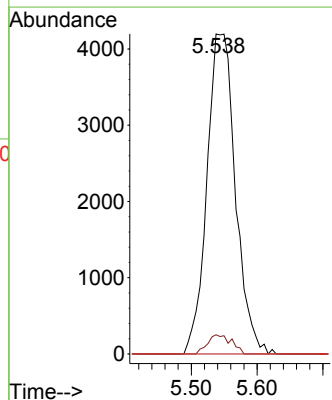
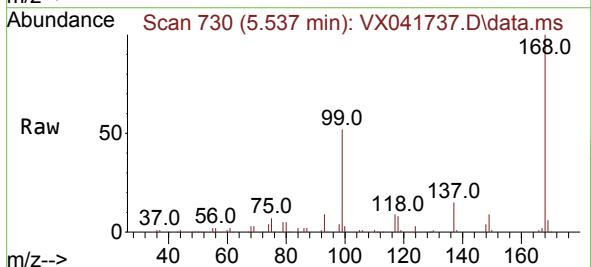


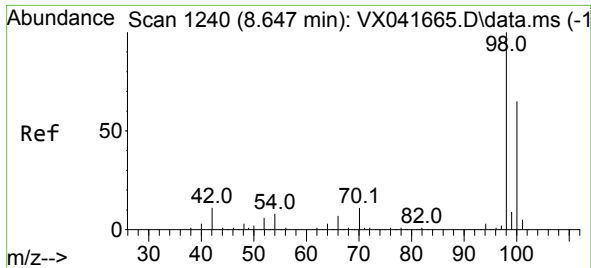
Tgt Ion: 75 Resp: 9410
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Tgt Ion: 117 Resp: 12672
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

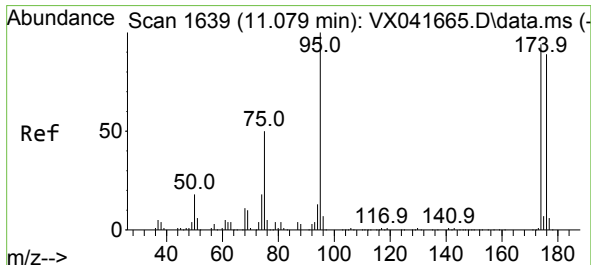
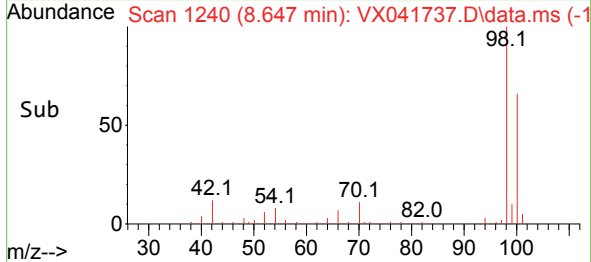
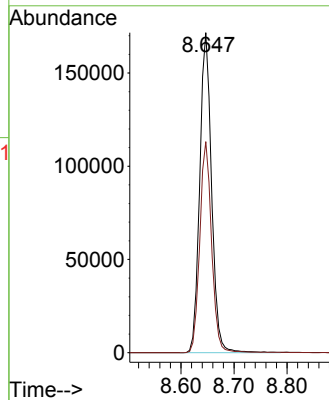
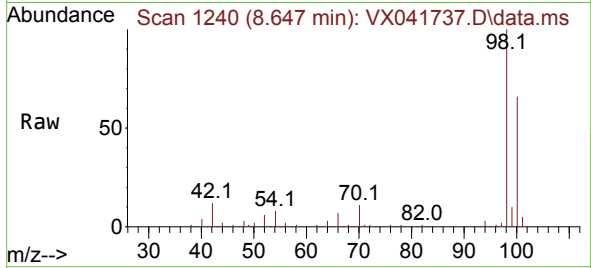




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

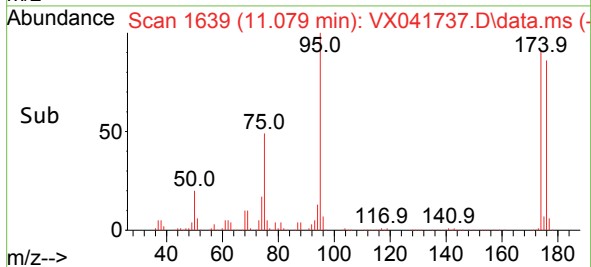
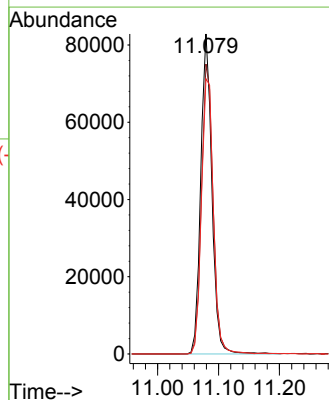
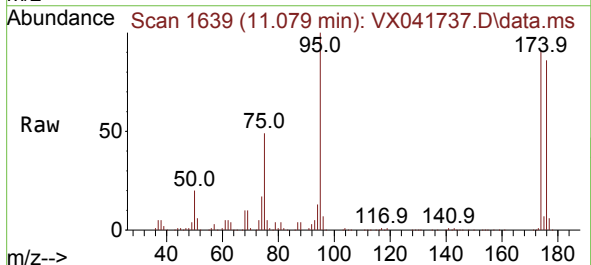
Instrument :
MSVOA_X
ClientSampleId :

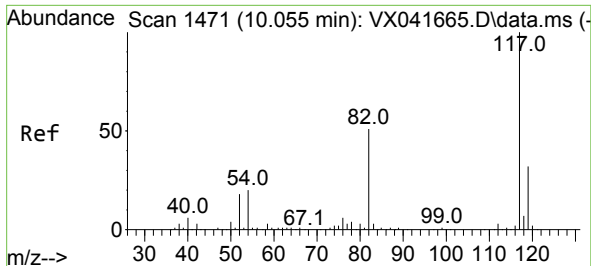
Tgt Ion: 98 Resp: 266696
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Tgt Ion: 95 Resp: 104961
Ion Ratio Lower Upper
95 100
174 94.4 0.0 135.6
176 92.3 0.0 131.0

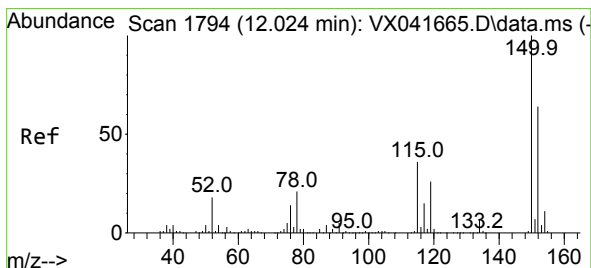
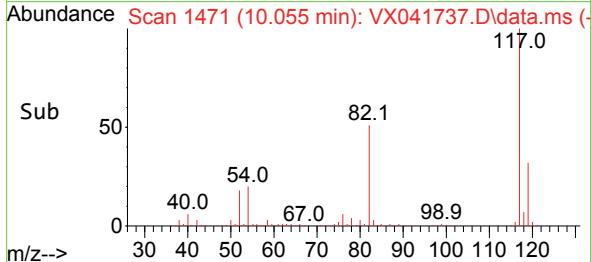
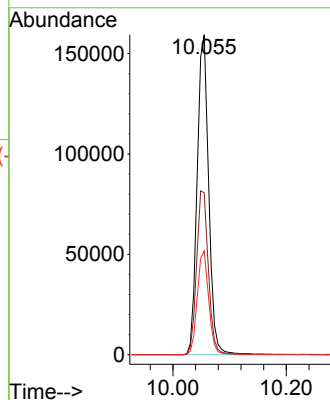
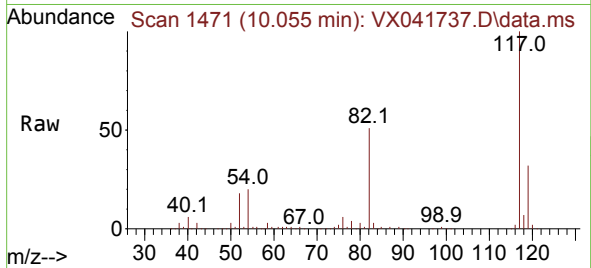




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

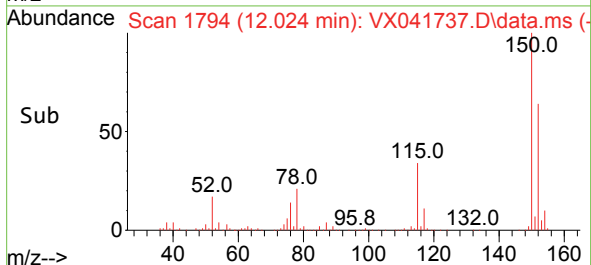
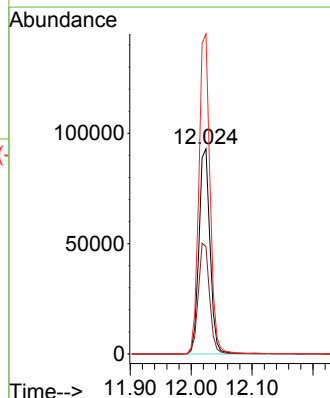
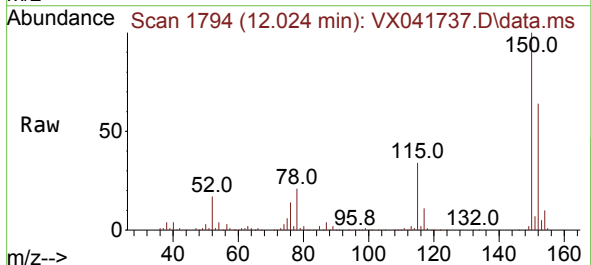
Instrument :
MSVOA_X
ClientSampleId :

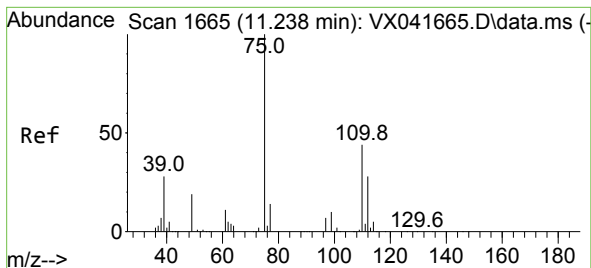
Tgt Ion:117 Resp: 224860
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041737.D
Acq: 05 Jun 2024 09:55

Tgt Ion:152 Resp: 117774
Ion Ratio Lower Upper
152 100
115 54.4 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.750 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

Instrument :

MSVOA_X

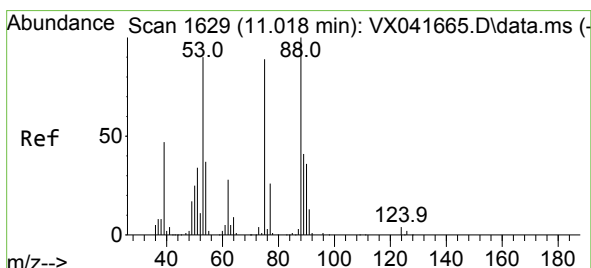
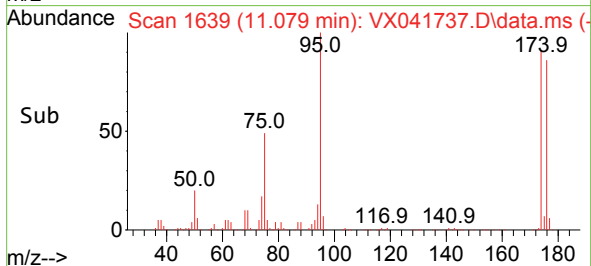
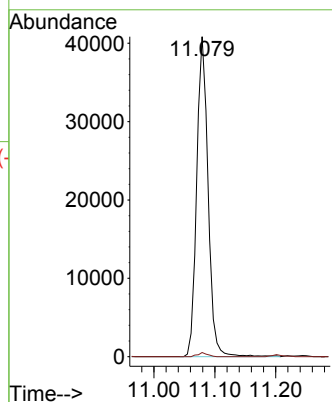
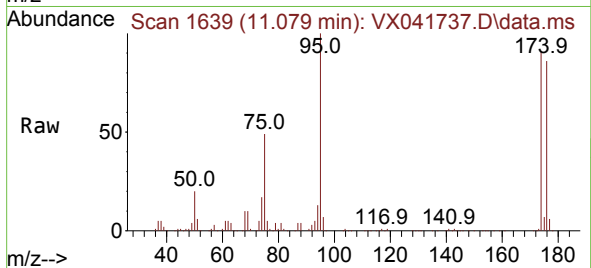
ClientSampleId :

Tgt Ion: 75 Resp: 52913

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.180 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

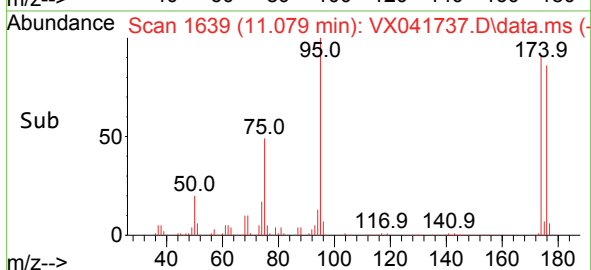
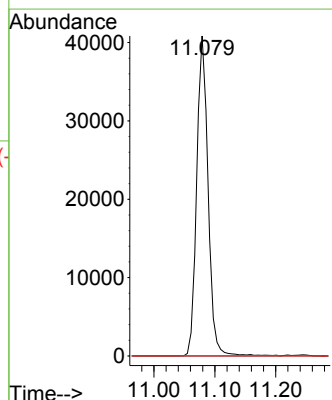
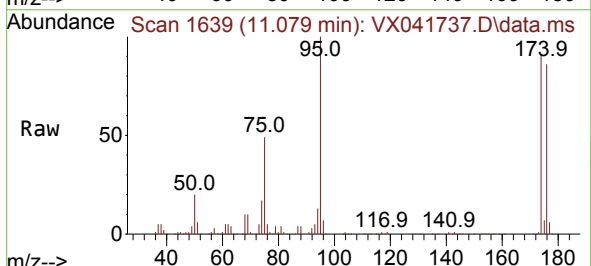
Tgt Ion: 75 Resp: 52913

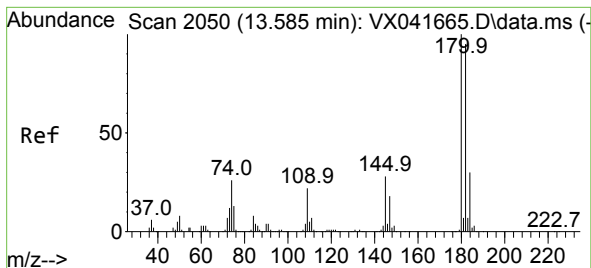
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.336 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

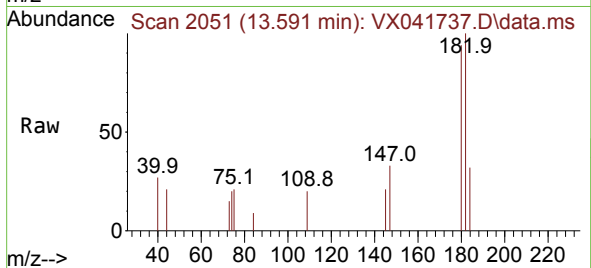
Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :



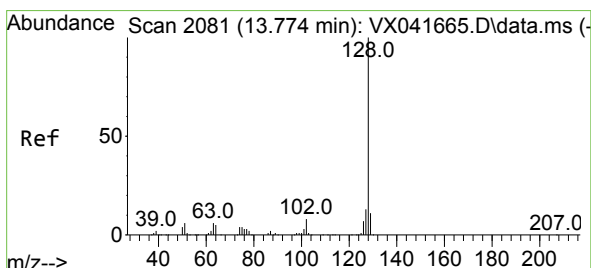
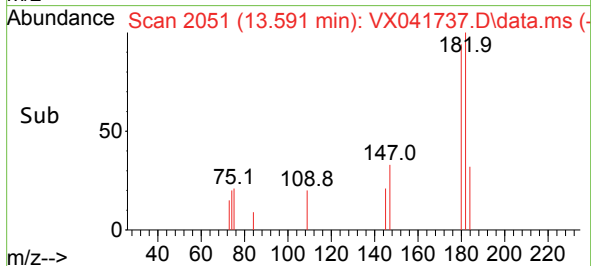
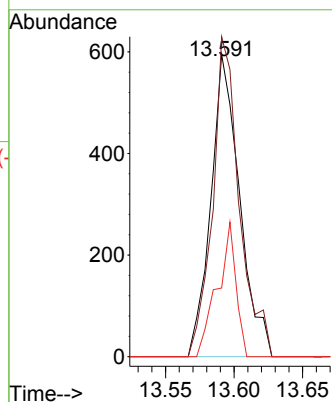
Tgt Ion:180 Resp: 869

Ion Ratio Lower Upper

180 100

182 98.4 48.3 144.8

145 28.8 18.0 54.0



#95

Naphthalene

Concen: 0.549 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

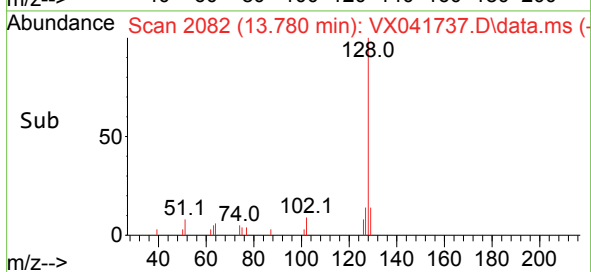
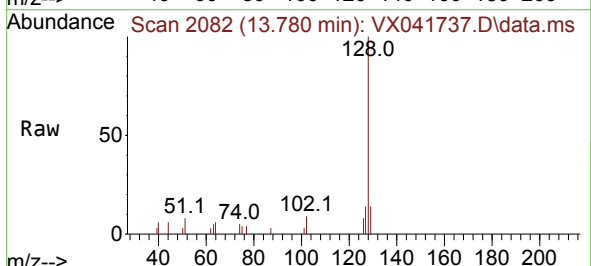
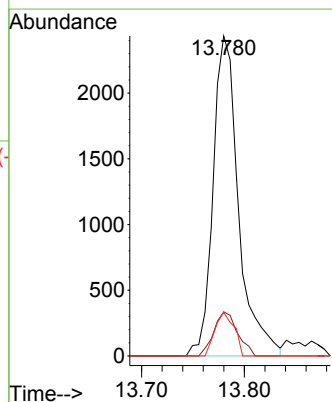
Tgt Ion:128 Resp: 4188

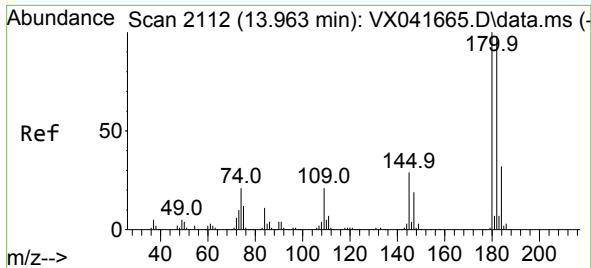
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.2 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.394 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

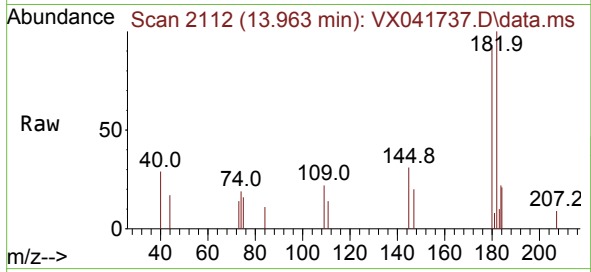
Lab File: VX041737.D

Acq: 05 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1049

Ion Ratio Lower Upper

180 100

182 99.4 46.9 140.6

145 31.2 17.8 53.5

